

| Form PTO-1449<br>(MODIFIED)  |               | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |                  | ATTY. DOCKET NO.<br>033236-0115 |   | SERIAL NO.<br>09/857,115             |                                  |    |
|--|---------------|---|------------------|---------------------------------|---|--------------------------------------|----------------------------------|----|
| <b>INFORMATION DISCLOSURE CITATION</b><br><br>(Use several sheets if necessary)  |               |   |                  | APPLICANT<br>Steve Qi et al.    |   |                                      |                                  |    |
|  |               |   |                  | FILING DATE<br>06/01/2001       |   | GROUP ART UNIT<br>1653<br>Unassigned |                                  |    |
| <b>U.S. PATENT DOCUMENTS</b>   |               |   |                  |                                 |   |                                      |                                  |    |
| EXAMINER<br>INITIAL  | REF           | DOCUMENT<br>NUMBER  | DATE             | NAME                            | CLASS                                     | SUB-<br>CLASS                        | FILING DATE<br>IF<br>APPROPRIATE |    |
| AM   | A1            | 4,835,139   | 05/89            | TICE et al.                     | 514                                       | 15                                   |                                  |    |
| AM   | A2            | 4,721,775   | 01/88            | FOLKERS et al.                  | 530                                       | 313                                  |                                  |    |
| AM   | A3            | 4,540,513   | 09/85            | MIYAMOTO                        | 260                                       | 112.5R                               |                                  |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |               |   |                  |                                 |   |                                      |                                  |    |
|  | REF           | DOCUMENT<br>NUMBER  | DATE             | COUNTRY                         | CLASS                                     | SUB-<br>CLASS                        | TRANSLATION                      |    |
|  |               |   |                  |                                 |   |                                      | YES                              | NO |
| AM   | A4            | WO 97/47743   | 12/97            | WIPO                            |   |                                      |                                  |    |
|  | <del>A5</del> | <del>0 158 987</del>  | <del>10/88</del> | <del>EUROPE</del>               | <i>Not considered<br/>German language</i> |                                      |                                  |    |
| AM   | A6            | 0 781 548 A2  | 07/97            | EUROPE                          |   |                                      |                                  |    |
| AM   | A7            | 0 486 959 A1  | 05/92            | EUROPE                          |   |                                      |                                  |    |
| AM   | A8            | 0 481 732 A1  | 04/92            | EUROPE                          |   |                                      |                                  |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>  |               |   |                  |                                 |   |                                      |                                  |    |
| AM   | A9            | Richard B. White, et al., "Second gene for gonadotropin-releasing hormone in humans", Proc. Natl. Acad. Sci., USA, Vol. 95, pp. 305-39, January 1998, XP-000882990  |                  |                                 |   |                                      |                                  |    |
| AM   | A10           | Masaharu Asano, et al., "In Vivo Characteristics of low molecular weight copoly-(L-Lactic acid/glycolic acid) formulations with controlled release of luteinizing hormone-releasing hormone agonist", Journal of Controlled Release, 9 (1989) pp. 111-122, XP 000611562 |                  |                                 |   |                                      |                                  |    |
| AM   | A11           | P.J. Sharp, et al., "EFFECT OF LUTEINISING HORMONE RELEASING HORMONE AND ITS ANALOGUES ON PLASMA LUTEINISING HORMONE CONCENTRATIONS IN INCUBATING BANTAM HENS", British Poultry Science (1986) 27, pp. 129-135, XP 000885654  |                  |                                 |   |                                      |                                  |    |
|  |               |   |                  |                                 |   |                                      |                                  |    |
|  |               |   |                  |                                 |   |                                      |                                  |    |
|  |               |   |                  |                                 |   |                                      |                                  |    |
| <b>EXAMINER</b>  |               | <b>DATE CONSIDERED</b>  |                  |                                 |   |                                      |                                  |    |
| Ab del A. Mohamed  |               | 4/7/04  |                  |                                 |   |                                      |                                  |    |
| * <b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant. |               |   |                  |                                 |   |                                      |                                  |    |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: 09/04/03

File as many sheets as necessary)

1 of 1

## Complete if Known

Application Number 09/857,115  
 Filing Date 12/26/2001  
 First Named Inventor Steve Qi  
 Group Art Unit 1646-1653  
 Examiner Name Unassigned MOHAMED  
 Attorney Docket Number 033236-0115

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
|                    |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
| AM                 | A1                    | 5,091,367            |                                   | KONIG ET AL.                                    | 02/25/1992                                       | class 36/260<br>514/15  |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document |                     |                                   | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|----------------|
|                    |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |  |  |   |                |
| AM                 | A2                    | WO                      | 98/00158            | A1                                | ALZA CORPORATION                                 | 01/08/1998                                       |   |                |
| AM                 | A3                    | WO                      | 00/24764            | A1                                | FERRING BV                                       | 05/04/2000                                       |   |                |

## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup> |
|--------------------|-----------------------|--|----------------|
|                    |                       |  |                |

Examiner  
Signature

Abdel A. Mohamed

Date  
Considered

4/7/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.